

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Mootha et al.

Application No.: 10/560,501

Confirmation No.: 3194

Filed: June 15, 2006

Art Unit: 1632

For: METHODS OF REGULATING METABOLISM  
AND MITOCHONDRIAL FUNCTION

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Examiner: Hama, J.

**RESPONSE TO FINAL OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed on March 2, 2010 in connection with the subject application, Applicants respectfully request consideration of the following remarks. A response to the Office Action was due June 2, 2010. A request for a three (3) month extension of time and the requisite fee are provided herewith. A Notice of Appeal is being filed concurrently.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.